



Narcolepsy

by Arya Akhavan (April 2013)

Angles for R.I. = 1.650

53 + 12 girdles = 65 facets

4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.434$ $U/W = 0.434$

$P/W = 0.451$ $C/W = 0.190$

$Vol./W^3 = 0.215$

PAVILION

P1	44.56°	05-19-29-43-53-67-77-91	Cut to centerpoint.
P2	43.00°	12-36-60-84	Meet at culet.
G1	90.00°	05-19-29-43-53-67-77-91	Set stone size.
G2	90.00°	12-36-60-84	Level girdle.
P3	43.00°	04-20-28-44-52-68-76-92	Meet P1, G1

CROWN

C1	51.60°	05-19-29-43-53-67-77-91	Set girdle width.
C2	49.19°	12-36-60-84	Level girdle.
C3	43.56°	06-18-30-42-54-66-78-90	Meet G1, G2, C1, C2
C4	27.24°	96-24-48-72	Meet C1, C3
C5	22.14°	12-36-60-84	Meet C2, C3
C6	20.00°	12-36-60-84	Meet C3, C4, C5
T	0.00°	Table	Meet C4, C6

This is a design that I worked on while I was getting a 24-hour sleep study done, because why not? As expected, no evidence of anything worrying. The crown, yet again, has bars and squares all over the place. I'm giving myself a reputation for predictability, apparently! Great crown, no? Works in materials from peridot to rutile (RI = 1.65 - 2.62) with no changes, but I prefer orange-ish zircon.

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